# EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|---|---|---|---|---|---|---|
| S1 | 3 | (("20020048014") or ("60185856")).PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/06/17 17:17 |
| S2 | 1 | "60185856".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/06/17 17:21 |
| S3 | 30 | distribution near5 pixel$1 with first near3( range or region) same image | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/06/17 17:45 |
| S4 | 23 | S3 and second near3( range or region) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/06/17 17:46 |
| S5 | 2 | S4 and mapp$3 near3 pixel$1 near7 second near3( range or region) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/06/17 17:48 |
| S6 | 4 | mapp$3 near3 pixel$1 near7 second near3( range or region) with second near2(image or picture or photo$2) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/06/17 17:49 |
| S7 | 7 | mapp$3 near3 pixel$1 near7 second near3( range or region) with first near3( range or region) same (image or picture or photo$2) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/06/17 17:56 |

| S8 | 51 | first near3 image with mapp$3 near3 pixel$1 near7 second near3 image | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/06/17 17:59 |
|---|---|---|---|---|---|---|
| S9 | 1 | S8 and binariza$4 with third near3 image | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/06/17 18:00 |
| S10 | 6 | binariza$4 near3 second near3 image same third near3 image | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/06/17 18:01 |
| S11 | 51 | first near3 image with mapp$3 near3 pixel$1 near7 second near3 image | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/06/18 10:04 |
| S12 | 22 | S11 and third near3 image | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/06/18 10:05 |
| S13 | 1 | S12 and binariza$4 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/06/18 10:05 |
| S14 | 20591 | image near7 (grayscal$4 or gray-scal$4 or gray adj1 scal$4) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/06/18 10:26 |

# EAST Search History

| | | | | | | |
|---|---|---|---|---|---|---|
| S15 | 260 | S14 and distribut$3 near7 pixel$1 with ( range or region or segment) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/06/18 10:30 |
| S16 | 84 | S15 and second near5( range or region or segment) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/06/18 10:31 |
| S17 | 8071 | S16 and mapp$4 near3 pixels near3 second(range or region or segment) adj7 pixels near5(range or region or segment) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/06/18 10:34 |
| S18 | 29 | S16 and (mapp$4 near3 pixels near3 second(range or region or segment)) adj7 (pixels near5(range or region or segment)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/06/18 10:35 |
| S19 | 0 | S16 and (mapp$4 near3 pixels near3 second(range or region or segment)) adj7 (pixels near5(range or region or segment))same second near3 image | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/06/18 10:36 |
| S20 | 21 | S18 and second near3 image | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/06/18 10:36 |
| S21 | 0 | S19 and third near3 image | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/06/18 10:36 |

| S22 | 595 | S14 and (mapp$4 near3 pixels near3 second(range or region or segment)) adj7 (pixels near5(range or region or segment)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/06/18 10:49 |
|-----|-----|------|------|------|------|------|
| S23 | 114 | S22 and third near3 image | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/06/18 10:50 |
| S24 | 24 | S23 and binariza$4 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/06/18 10:50 |
| S25 | 36125 | (mapp$4 near3 pixels near3 second(range or distance or extent)) adj7 (first near3(range or distance or extent)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/06/18 14:05 |
| S26 | 178 | (mapp$4 near3 pixels near3 second(range or distance or extent)) adj7 (first near3(range or distance or extent))with second adj1 image | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/06/18 14:06 |
| S27 | 1 | S26 same third adj1 image same binariz$5 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/06/18 14:07 |
| S28 | 7 | S26 same third adj1 image | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/06/18 14:07 |

| S29 | 1 | mapp$4 near3 pixels near5 second adj1 range adj10 first near3 range near5 pixels | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/06/18 14:31 |
|---|---|---|---|---|---|---|
| S30 | 1 | mapp$4 near3 pixels near5 second adj1 range with first near3 range near5 pixels | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/06/18 14:32 |
| S31 | 1 | (mapp$4 near3 pixels near5 second adj1 (range or distance)) with (first near3 (range or distance)near5 pixels) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/06/18 14:33 |
| S32 | 1 | (mapp$4 near3 pixels near5 second adj1 (range or distance)) same (first near3 (range or distance)near5 pixels) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/06/18 14:34 |
| S33 | 1 | (mapp$4 near3 pixels near5 second adj1 (range or distance)) same (first near3 (range or distance)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/06/18 14:35 |
| S34 | 1 | (mapp$4 near3 pixels near5 second adj1 (range or distance)) same ( first near3 (range or distance)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/06/18 14:36 |
| S35 | 1 | (mapp$4 near3 pixels near5 (range or distance)) same ( first near3 (range or distance)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/06/18 14:37 |

| S36 | 12600 | 382/285,276,164,168,169,170,171,172, 190,195,254,256,257,258,259, 260;358/453;348/578;345/419.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/06/18 15:30 |
|-----|-------|--------|--------|----|-----|------------------|
| S37 | 6 | S36 and(mapp$4 near3 pixels near3 second(range or distance or extent)) adj7 (first near3(range or distance or extent))with second adj1 image | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/06/18 15:31 |
| S38 | 12828 | 382/285,276,164,168,169,170,171,172, 190,195,254,256,257,258,259,260,279, 281;358/453;348/578;345/419.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/06/18 15:42 |
| S39 | 6 | S38 and(mapp$4 near3 pixels near3 second(range or distance or extent)) adj7 (first near3(range or distance or extent))with second adj1 image | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/06/18 15:42 |
| S40 | 0 | S38 and(mapp$4 near3 pixels near3 second adj1(range or distance or extent)) adj7 (first near3(range or distance or extent))same second adj1 image | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/06/18 15:44 |
| S41 | 0 | S38 and(mapp$4 near3 pixels near3 second adj1(range or distance or extent)) adj7 (first near3(range or distance or extent)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/06/18 15:44 |
| S42 | 0 | S38 and(mapp$4 near3 pixels near3 second adj1(range or distance or extent or region)) adj7 (first near3(range or distance or extent or region)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/06/18 15:45 |

| S43 | 0 | (mapp$4 near3 pixels near3 second adj1(range or distance or extent or region)) adj7 (first near3(range or distance or extent or region)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/06/18 15:45 |
| S44 | 1 | (mapp$4 near3 pixels near3 second adj1(range or distance or extent or region)) with (first near3(range or distance or extent or region)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/06/18 15:45 |
| S45 | 42 | (mapp$4 near3 second adj1(range or distance or extent or region)) with (first near3(range or distance or extent or region)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/06/18 15:46 |
| S46 | 7 | S45 and second near3 image | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/06/18 15:46 |
| S47 | 27 | kato-yumi.in. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/06/18 15:53 |
| S48 | 1880 | sato-hideo.in. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/06/18 15:53 |
| S49 | 1903 | S47 or S48 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/06/18 15:53 |

| S50 | 1 | S49 and (mapp$4 near3 second adj1(range or distance or extent or region)) with (first near3(range or distance or extent or region)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/06/18 15:54 |
|-----|---|------|------|-----|-----|------|
| S51 | 1 | ( mapping and pixel and data and second and range and specifying and plurality and pixel and first and range and generates and second and image and composed and mapped and pixel and binarizing and second and image ).clm. | US-PGPUB | AND | OFF | 2008/06/18 16:22 |
| S52 | 1 | S49 and mapp$4 adj3 pixel near3 second adj1 range with first adj1 range | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/06/18 16:24 |
| S53 | 20648 | image near7 (grayscal$4 or gray-scal$4 or gray adj1 scal$4) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/06/23 10:37 |
| S54 | 260 | S53 and distribut$3 near7 pixel$1 with ( range or region or segment) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/06/23 10:37 |
| S55 | 235 | S54 and ((second near5( range or region or segment) or specif$4 or region near3 interset or "ROI")) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/06/23 10:39 |
| S56 | 73 | S55 and ((mapp$3 near3 pixel$1 near7 second near3( range or region) or specif$4 near3 portion or specif$4 near3 region or interest near3 region)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/06/23 10:43 |

| S57 | 15 | S55 and ((mapp$3 near3 pixel$1 near7 second near3( range or region) or specif$4 near3 portion or specif$4 near3 region or interest near3 region))same second near3 image | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/06/23 10:44 |
|-----|-----|-----|-----|-----|-----|-----|
| S58 | 4 | S57 and third near3 image | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/06/23 10:45 |
| S59 | 5 | S56 and third near3 image same second near3 image | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/06/23 10:46 |
| S60 | 1 | S56 and mapp$3 near7 second near3 image | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/06/23 10:50 |
| S61 | 73 | S55 and ((mapp$3 near3 pixel$1 near7 second near3( range or region) or (specif$4 near3 portion or specif$4 near3 region or interest near3 region))) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/06/23 11:01 |
| S62 | 1 | S61 and mapp$3 near7 second near3 image | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/06/23 11:02 |
| S63 | 1 | S62 and mapp$3 near7 second near3 image same third near3 image | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/06/23 11:03 |

| S64 | 1 | S61 and mapp$3 near7 second near3 image | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/06/23 11:04 |
|---|---|---|---|---|---|---|
| S65 | 3 | S55 and mapp$3 near7 second near3 image | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/06/23 11:04 |